

Research on the Relation Between Cast Iron and  
Oxygen; the Effect of the Oxygen Content  
in Cast Iron and its Structure, by Masao  
Kozuka, Yasuhiko Hashimoto, 19 p.

JAPANESE, per, Nihon Kinzoku Gakkaishi, 1952,  
Vol XVI, No 9, pp 486-494.

SLA 60-10348

Sci  
Apr 60  
Vol III, No 3

113,652

Research on the Relation Between Cast Iron and  
Oxygen; Some Considerations in Connection with  
the Structural Changes by Oxygen, by Masao  
Ohnuma, Yasuhiro Hashimoto, 18 p.

JAPANESE, per, Nihon Kinzoku Gakkaishi, 1952,  
Vol XVI, No 10, pp 547-551.

SLA 60-10368

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Apr 60  
Vol III, No 3

113,653

Hashimoto, Yobei.  
METHOD OF MANUFACTURING L-METHIONINE  
FROM CASTOR OIL CAKE. Feb 64, 14p  
Order from SA \$16.00 SA Code-P-243

Trans. in manuscript of published Japanese patent  
2274/1958, 3 Apr 58, cl. 16-B-65 (30-B-7) (appl.  
no. 27024/1955, 13 Oct 55). (Abstract available)

DESCRIPTORS: \*Amino acids, Drugs, \*Methionine,  
Manufacturing methods, \*Vegetable oils, Hydrolysis,  
Separation,

The invention relates to a method of manufacturing  
L-methionine from castor oil cake characterized by  
hydrolyzing with acid the cake after pressing the oil  
from castor beans and then by extracting L-methionine  
from the said hydrolyzate by separation. (Author)

(Biological Sciences--Pharmacology. TT. v. 11, no. 6)

TT-64-12561

I. Hashimoto, Y.  
II. Patent (Japan) pub. 33-2274  
III. SA-Code-P-243  
IV. Seizaburo Aoki, Fujisawa  
(Japan)

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Electrolytic Titanium, by Shinzo Okada,  
Makoto Kawane, Mitsunao Takahashi, Tomoyasu Hashino,  
7 pp.

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Vol LVI, No 6, 1953, pp 410-411.

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Scientific - Min/Metals  
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Feb 56 CTS/DEX

Hashizume, K.  
SYNTHESIS OF 2,5-DIANILINOTEREPHTHALIC ACID.  
Pt. 2 of Studies on the Organic Pigments of Quinacridon  
Series. [1962] 8p.  
Order from ATS \$11.00                      ATS-69P64J

Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) 1962,  
v. 20, no. 1, p. 248-251.

DESCRIPTORS: \*Pigments, Synthesis, Aniline deriva-  
tives, \*Phthalic acids.

(Chemistry--Organic, TT, v. 9, no. 2)

63-12281

I. Hashizume, K.  
II. ATS-69P64J  
III. Associated Technical  
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Orange, N. J.

0257063

Office of Technical Services

Survey on the Source of Waters in the District  
Between Tung-lai and Kai-lu, by Yoshio Hashizume.

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209(900) 4434 pr No 708

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Crystal Structure and Deglomeration of Lead,  
by Otto Hasmel, 13 p.

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GERMAN, per, Elek Mach-Tech, 1931, Vol VIII,  
No 2, pp 77-88.

SLA 60-10267

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The Commune, Trade, and the Market, by Selmo  
Hasimbegovic, 14 pp.

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No 7, 1962, pp 357-361.

JPRS 15299

EE - Yugoslavia  
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Aerodynamic Design on the Open-Hearth Furnace.  
III. Functions of Lower Furnace, by H. A.  
Hasimoto. UNCL

JAPANESE, per, Tetsu-to-Hagane, Feb 1957,  
p. 117-121.

*British*  
Largest Iron and  
Steel Inc 1122

Sci - Engr  
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**Aerodynamic Design of the Open-Hearth  
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**JAPANESE, per, Tetsu-to-Hagane, 1957,  
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**British Iron and  
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Aerodynamic Design of the Open-Hearth Furnace,  
IV. Function of the Furnace Chamber, by H. A.  
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pp 628-632.

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PHOTO-ELECTRIC PROPERTIES OF SOLUTIONS OF  
SODIUM IN LIQUID AMMONIA. [1963] 33p. 21 refs.  
Order from SLA \$3.60 63-14691

Trans. of Annalen der Physik (Germany) 1940, ser. 5,  
v. 37. p. 509-533.

DESCRIPTORS: \*Sodium, \*Ammonia, Solutions,  
\*Photoelectric effect, Photoelectric cells, Electrical  
properties, Magnetic properties, Optical properties,  
Electric currents, \*Measuring devices (Electrical and  
electronic), \*Quantum mechanics, Electrons, Photons,  
Spectroscopy.

An apparatus is described with which the external photo-  
electric effect can be measured in spectrally decom-  
posed light on sodium ammonium solutions. From the  
spectral distribution of the quantum yield, a determina-  
tion was made of the longwave boundaries and the work  
(Physics--Electricity, TT, v. 10, no. 9) (over)

63-14691

I. Hasing, J.

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Ex Photoelectric Properties of Solutions of Scda  
in Liquid Ammonia, by J. Hasing, 54 pp.

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R-4341-D  
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Studies on Rice Blast, 1. On the Relation of Soil Moisture to the Development of the Blast Disease of Rice, with Special Reference to the Inoculation Experiments on Plants Grown on Soils Differing in Moisture and Amount of Nitrogenous Manure,  
2. On the Relation of Soil Moisture to the Development of the Blast Disease of Rice Plant, with Special Reference to the Results of Inoculation Experiments on Seedlings and Pedicels of Spikes of Plants Grown on Soils Differing in the Time and Duration of Drying and Irrigation, by Hasio Suzuki,  
Studies on Plant Diseases, Part or No. 2, 1933, Tokyo Imperial University Plant Disease Research Section, No 86. \*JPRS Japanese

(NY-6401)

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"Theory of Resistance of a Ship During Motions in Waves", by Haskind. 108  
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\*Dept of Navy/NSRDC

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"Theory of Resistance of a Ship During Motions in Waves", by Haskind.

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The Exciting Forces and Wetting of Ships in Waves,  
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Navy Tr 3294/DDE T-307

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Theory of Resistance of a Ship During Motions in  
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The Oscillations of a Floating Form on the Surface  
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Oscillation of a Cascade of Thin Sections in  
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No 2, 1959, pp 46-56.  
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(DC-5075)

The Manufacture of Printed Circuits, by Ference  
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No 3, Jun 1960, pp 115-118.

JPRS 6922

EEur - Hungary

Econ

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Miland Haser, Vera Haskova, Tomas Hraba, 16 pp.

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AEC Tr 2276

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Nitrite Reaction in the Urine as Indicator of  
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25 pp. UNCLASSIFIED

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NIH 2-29

Sci - Med

Mar 58

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An Estimate of the Solution of a Parabolic  
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Has'minskiy, 4 pp.

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Vol III, No 2

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ON CERTAIN DIFFERENTIAL EQUATIONS ENCOUNTERED IN  
THE INVESTIGATION OF OSCILLATIONS WITH SMALL  
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The African Center of Hydrocarbons and  
Textiles at Boumerdes, Algeria, by Ahmed  
Bennoudi, 7 pp  
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EEur - Rumania  
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Influence of Recrystallization on Damping and  
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R. Haspel, 8 pp.

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AKRE Tr 11/3/5/1150

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May 59

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Biology and Control of Cladosporium fluvum  
Cooke on Solanum Lycopersicum, by Dr. E. Hasper,

GERMAN.

North Carolina State College

CIA 3240679

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Scientific - Biology

Hasper, K. D.  
**EMBOSSING OF HARD PAPERBOARD** (Prügen von  
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Order from SLA \$1.10 63-16781

Trans. of Wochenblatt für Papierfabrikation (West  
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**DESCRIPTORS:** \*Fiberboard, Paper industry, Machines,  
Hydraulic presses, Manufacturing methods,  
Photoengraving.

(Materials--Wood, TT, v. 10, no. 11)

63-16781

1. Title: Embossing  
1. Hasper, K. D.

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Haas, Franz and Brumberger, Max.  
PLUG-IN CONNECTORS IN COMMUNICATIONS  
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[Ausgabe] B. [der Elektrotechniker] (West Germany)  
1962, v. 14, no. 5, p. 124-128

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I. Haas, F.  
II. Brumberger, M.

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On the Growth and Structure of Thin Oxide Films on  
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Investigations With Electrolytically Produced and  
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Interferences and in the Ultramicroscope, by Georg  
Hass, Helmut Kehler, 18 pp.

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pp 27-35. 9097884

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by H. Haas, 8 pp.  
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Vol LXXXIX, No 45, 1964, pp 2117-2121.  
ATB-968898**

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(NY-5762)

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by I. Nass, 9 pp.

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EBr - Rumania

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Special Reference to Ferrotungsten.

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(SF-1772).  
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*FJPRS 3786*

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*PI*

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Moroccan Delegation in the UN, by Crown Prince  
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Econ - Transportation, river, water

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JMS NII 6-20-66

*E. Hasse*

Sci/864  
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Sci - Min/met, electricity  
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Trans. of Zeitschrift für Physik (West Germany) 1963,  
v. 173, p. 413-421. (Abstract available)

DESCRIPTORS: \*Thallium, Wire, Deformation,  
\*Superconductivity, Transition temperature, \*Crystal  
lattice defects, Cryogenics

The residual resistance of very pure thallium wires  
was increased by plastic deformation at liquid helium  
temperatures. The accompanying changes in the super-  
conducting transition temperature were measured.  
With gradually growing resistance ratio the transition  
temperature decreases by some hundredths of a degree.  
(Physics--Solid State, TT, v. 11, no. 9) (over)

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ization of Fresh and Glycerin-Treated Muscle  
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Intensity, and ATP, by W. Hasselbach,  
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[1964] 12p

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K-H-2736-d

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(Germany) 1939, v. 86, no. 36, p. 1381-1383.

(Biological Sciences--Toxicology, TT, v. 12, no. 1)

TT-64-12855

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II. K-H-2736-d

III. Krepps-Hooker Science  
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Detroit, Mich.

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\*CPSTI TT 70-58106

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*A. Hassener*

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OTS 60-19164

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